

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,256,417 B2  
APPLICATION NO. : 10/772573  
DATED : August 14, 2007  
INVENTOR(S) : Luke J. Mawst et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Col. 3, lines 31-32:**

Delete "Appi. Phys. Lett." and replace it with --Appl. Phys. Lett.--.

**Col. 7, line 23:**

Delete " $\psi$ -like" and replace it with -- $\Gamma$ -like--.

**Claim 16, Col. 12, line 1:**

Delete "adjacent to ea h" and replace it with --adjacent to each--.

**Claim 17, Col. 12, line 14:**

Delete the word "quantum" and replace it with --quantum--.

**Claim 33, Col. 13, lines 24-25:**

Insert the words "nitrogen too provide a type" between "containing" and "II quantum well structure" to read --containing nitrogen to provide a type II quantum well structure;--.

**Claim 33, Col. 13, line 38:**

Delete the phrase "including a baffler" and replace it with --including a barrier--.

**Claim 35, Col. 13, line 55:**

Delete "re lion" and replace it with --region--.

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,256,417 B2  
APPLICATION NO. : 10/772573  
DATED : August 14, 2007  
INVENTOR(S) : Luke J. Mawst et al.

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Claim 45, Col. 14, line 21:**

Delete "3  $\mu$ n" and replace it withh --3  $\mu$ m--.

Signed and Sealed this

Fifteenth Day of April, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*